

To the Claims:

Please cancel Claims 19-30, and 32-74 without prejudice or disclaimer.

The currently pending claims are shown below.

1. (Original) A human pluripotent embryonic stem cell culture, wherein the cells of the culture do not express SSEA1, express SSEA3, SSEA4, Oct4, Tra-1-60, Tra-1-80, and express nestin substantially uniformly.
2. (Original) The cell culture of Claim 1, wherein the cell culture was dissociated to an essentially single cell culture.
3. (Original) The cell culture of Claim 2, wherein a majority of the cells have an abnormal karyotype.
4. (Original) The cell culture of Claim 3, wherein the abnormal karyotype comprises a trisomy of at least one autosomal chromosome.
5. (Original) The cell culture of Claim 4, wherein the autosomal chromosome is selected from the group consisting of chromosomes 1, 7, 8, 12, 14, and 17.
6. (Original) The cell culture of Claim 5, wherein the autosomal chromosome is chromosome 12 or 17.
7. (Original) The cell culture of Claim 3, wherein the abnormal karyotype comprises a trisomy of more than one autosomal chromosome.
8. (Original) The cell culture of Claim 7, wherein the autosomal chromosome is selected from the group consisting of chromosomes 1, 7, 8, 12, 14, and 17.
9. (Original) The cell culture of Claim 8, wherein the autosomal chromosome is chromosome 12 or 17.
10. (Original) A method of culturing a human pluripotent embryonic stem cell comprising,
 - a) selecting a human pluripotent cell using an anti-SSEA4 antibody; and
 - b) maintaining a culture of the cell by passaging the cell using a protease treatment, wherein the cells of the culture do not express SSEA1, express SSEA3, SSEA4, Oct4, Tra-1-60, Tra-1-80, and express nestin substantially uniformly.

11. (Original) The method of Claim 10, wherein the protease treatment comprises the sequential use of Collagenase and trypsin.
12. (Original) The method of Claim 10, wherein the cell is maintained by using a protease treatment for at least 13 passages.
13. (Original) The method of Claim 10, wherein a majority of the cells of the culture have an abnormal karyotype.
14. (Original) The cell culture of Claim 13, wherein the abnormal karyotype comprises a trisomy of at least one autosomal chromosome.
15. (Original) The cell culture of Claim 14, wherein the autosomal chromosome is selected from the group consisting of chromosomes 1, 7, 8, 12, 14, and 17.
16. (Original) The cell culture of Claim 13, wherein the abnormal karyotype comprises a trisomy of more than one autosomal chromosome.
17. (Original) The cell culture of Claim 16, wherein the autosomal chromosome is selected from the group consisting of chromosomes 1, 7, 8, 12, 14, and 17.
18. (Original) The method of Claim 11, wherein Collagenase is used at a concentration of approximately 1 mg/ml for approximately 5 minutes, and wherein trypsin is used at a concentration of approximately 0.05% for approximately 30 seconds.

Claims 19-30 (Cancelled)

31. (Original) A human pluripotent cell produced by the method of Claim 10.

Claims 32-74 (Cancelled)